

FIG. 1

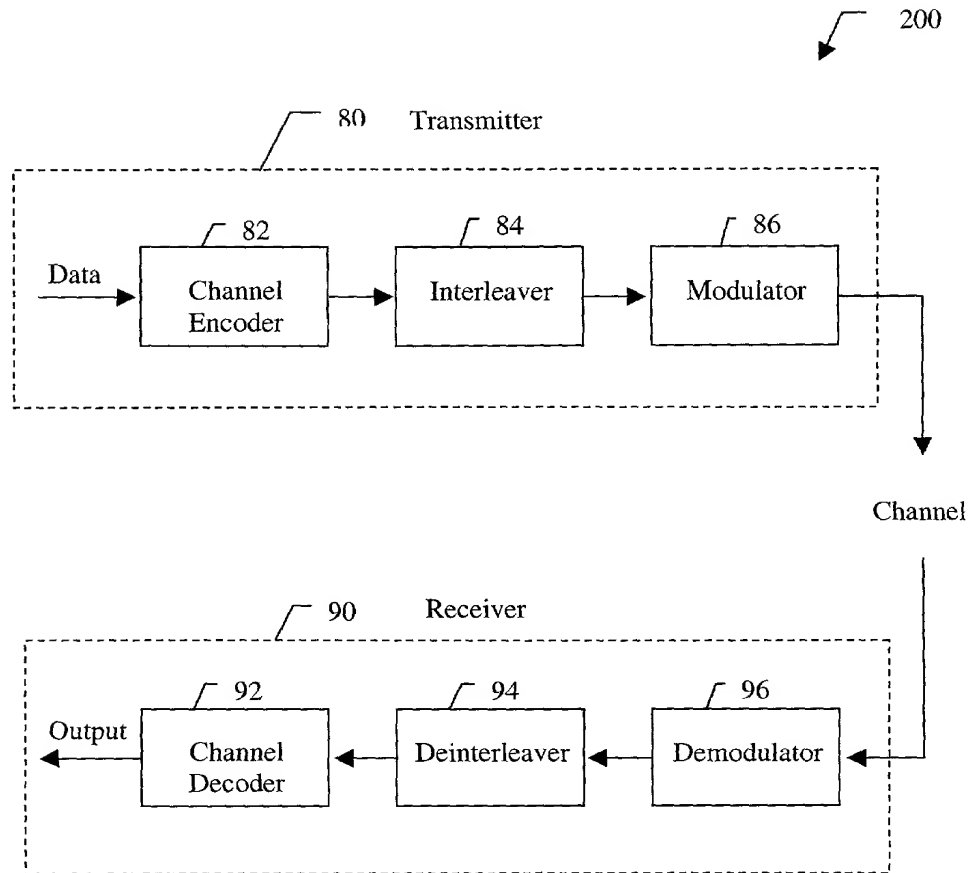


FIG. 2

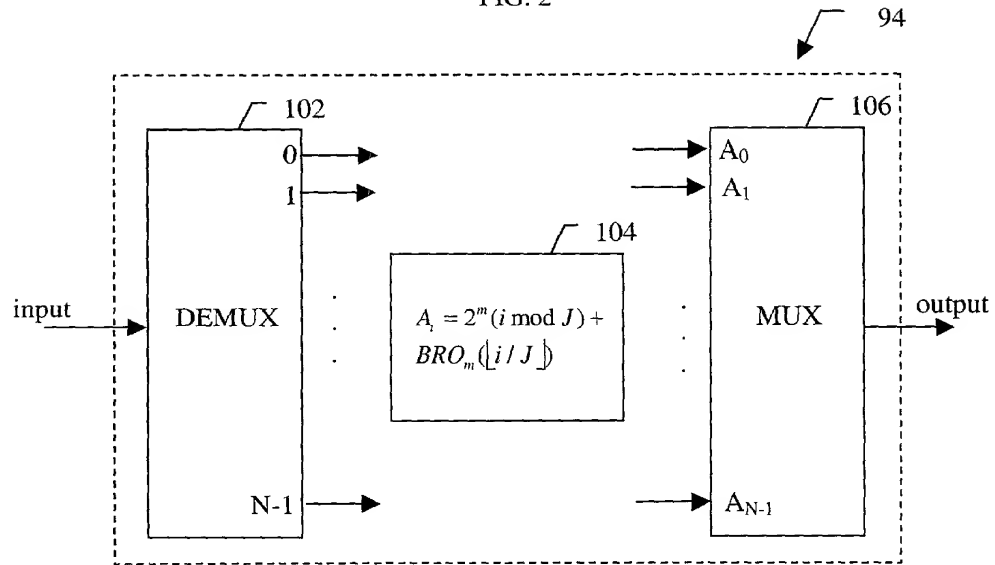
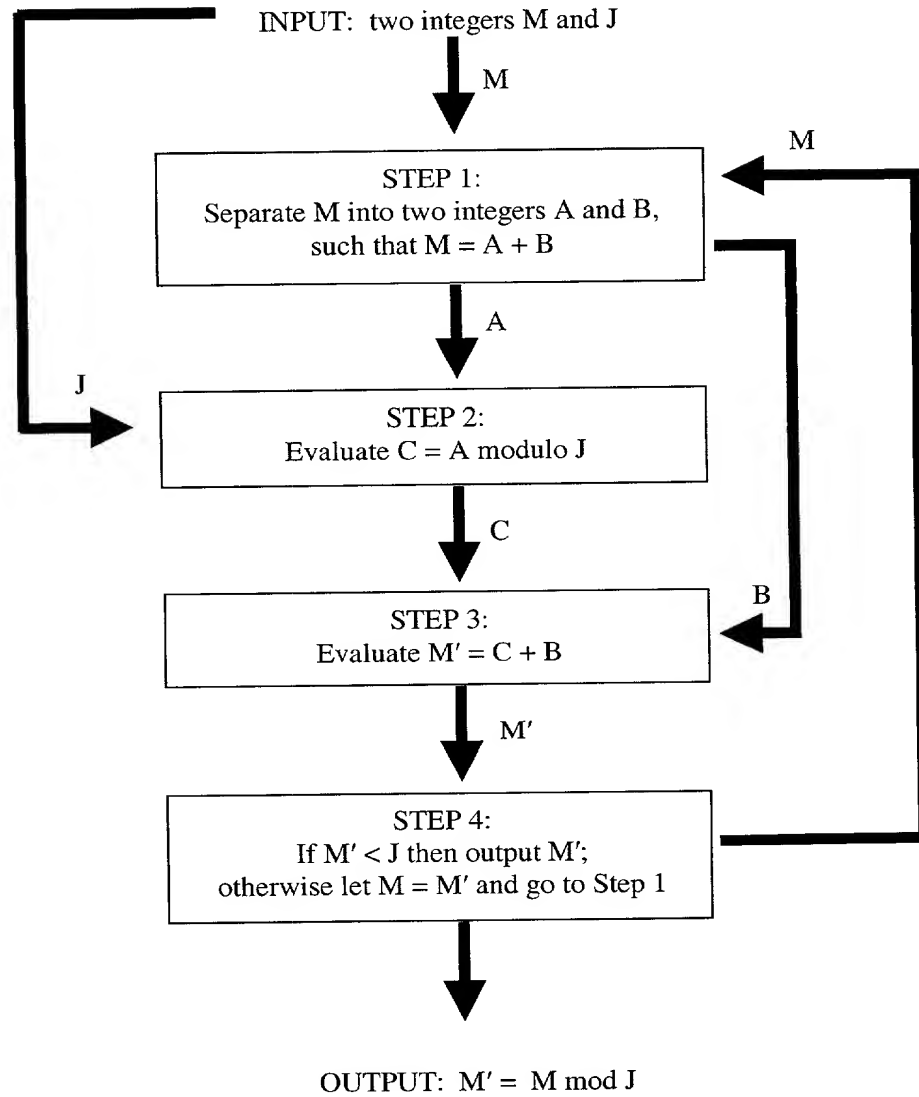


FIG. 3



INPUT: two integers $M = \sum_{i=0}^N \alpha_i 2^i$ and J

